

Title (en)
A machine having a working arm

Title (de)
Machine mit einem Arbeitsarm

Title (fr)
Engin muni d'un bras de travail

Publication
EP 1154081 A2 20011114 (EN)

Application
EP 01109653 A 20010418

Priority
GB 0011138 A 20000510

Abstract (en)
A machine (10) such as an articulated loading shovel, has a working arm (25), the machine (10) including a body part (11) to which a first end (26) of the arm (23) is attached for relative pivotal movement about a first generally horizontal axis (B) and the arm (25) having a second end (32) adapted to mount a working implement (33) for movement relative to the arm (25) about a second generally horizontal axis (D) characterised in that the arm (25) is substantially straight between the first and second ends (26, 32), and is of substantially inverted channel configuration having a top part (40) and a pair of side walls (41, 42) integrally formed, and the arm (25) over at least a major portion of its length between the first and second ends (26, 32) including a strengthening member (80) which extends between and is connected to the side walls (41, 42). <IMAGE>

IPC 1-7
E02F 3/28

IPC 8 full level
E02F 3/38 (2006.01); **E02F 3/28** (2006.01); **E02F 3/34** (2006.01); **E02F 9/08** (2006.01)

CPC (source: EP US)
E02F 3/283 (2013.01 - EP US); **E02F 3/3408** (2013.01 - EP US); **E02F 3/3411** (2013.01 - EP US); **E02F 9/0841** (2013.01 - EP US)

Cited by
EP3336262A1; US8827625B2; US10815637B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1154081 A2 20011114; **EP 1154081 A3 20020515**; **EP 1154081 B1 20050615**; **EP 1154081 B8 20050810**; AT E298018 T1 20050715; CA 2345832 A1 20011110; DE 60111452 D1 20050721; DE 60111452 T2 20060518; GB 0011138 D0 20000628; GB 2362148 A 20011114; GB 2362148 B 20040324; JP 2002004321 A 20020109; US 2001043854 A1 20011122; US 6699000 B2 20040302

DOCDB simple family (application)
EP 01109653 A 20010418; AT 01109653 T 20010418; CA 2345832 A 20010430; DE 60111452 T 20010418; GB 0011138 A 20000510; JP 2001137628 A 20010508; US 84033901 A 20010423